

REMARKS

Claims 1, 7 and 8 were objected to because of informalities. Claims 1 and 7 have been amended to address those informalities. Claim 8 has been canceled herein.

Claims 1-13 were rejected under 35 U.S.C. §112, second paragraph, as being indefinite.

Claim 1 was unclear whether the components were selected from (a), (b) or both. The claim has been amended to delete (b) to clarify the question. Further, the alkyl moieties which were claimed were not clear. The claim has been amended to recite:

... The total number of carbon atoms in the alkyl moiety (ies) on the alkyl-benzene and on the polyalkyl benzene together is in the range of 1 to 10

This is supported by the identification of the samples on pages 9-14 of the specification.

In addition, the Examiner assumed a meaning for the expression of the vapor pressure and the viscosity. The Examiner's assumptions are correct and claim 1 has been amended to clarify the claim.

The expression " ... preferably in the range of ... " has been deleted from claim 1 and new claim 14 has been inserted herein to claim a specific temperature range.

Claim 2 was unclear as to which aromatic component was referenced. The claim has been amended to read:

... the alkyl moiety in the at least two structurally non-identical aromatic components is selected ... ".

Claim 2 was also unclear with respect to the name of the moiety. The claim has been amended to read:

" ... methyl n-propyl, ethyl n-propyl, methyl n-butyl ... ".

Claim 6 has been canceled herein.

Claims 7-8 and 10-12 was rejected because the term "ponderal ratio" is indefinite.

Claim 7 has been amended to depend from claim 1. Portion (b) of claim 1 has been deleted and there remains only one portion. The notation (a) was deleted. Claim 8, 11 and 12 have been canceled herein. Claims 7 has been amended to read:

" ... wherein there are two structurally non-identical aromatic components having a weight ratio in the range of ... ".

Claim 10 has been amended to read:

" ... wherein the two structurally non-identical aromatic components have a weight ratio in the range of ... ".

The claims have been restructured to be more grammatically correct. The expression "ponderal ratio" has been replaced with -- weight ratio -- based on the attached Webster's Third International Dictionary definition of "ponderal" being "of or related to weight". The website Answers.com also defines "ponderal" as "of or relating to weight". Additionally, page 9 of the specification states:

E = Ponderal (weight %) Fraction of Components

Further, enclosed is a Declaration from the patent agent who approved the wording in the English version of the parent international application. This Declaration also equates "ponderal ratio" with -- weight ratio -- .

Claims 1-5 and 7-13 were rejected under 35 U.S.C. §102 as being anticipated by Hsu.

Claim 1 has been amended to delete portion (b) and claims 5, 8, 11 and 12 dependent from portion (b) have been canceled. Claim 1 and all dependent claims are now directed to a mixture of at least two structurally non-identical aromatic components consisting of alkyl benzene and



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polyalkyl benzene. Hsu does not teach this at least two component mixture but rather discloses a terpene component (which is not aromatic) and an alkyl benzene component. It is submitted that the cited reference does not describe each element of the claimed invention. Accordingly, lifting of this basis of rejection is respectfully requested.

Claim 6 was rejected under 35 U.S.C. §103(a) as being unpatentable over Hsu in view of Praller. Claim 6 has been canceled herein and this issue is moot.

In view of the above, allowance of claims 1-4, 7, 9, 10, 13 (as amended) and 14 is respectfully requested.

It appears that all matters have been addressed satisfactorily, and that the case is now in condition for a complete allowance; and the same is respectfully urged.

However, if the Examiner has any comments or questions, or has any suggestions as per MPEP 707.07 (d) and (j), for putting the case in condition for final allowance, she is respectfully urged to contact the undersigned attorney-of-record at the telephone number below, so that an expeditious resolution may be effected and the case passed to issue promptly.

Mar 24, 2010
Date

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Respectfully submitted,



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CERTIFICATE OF TRANSMITTAL

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: March 24, 2010
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By: 

Carolyn H. Bates



Webster's Third New International Dictionary OF THE ENGLISH LANGUAGE UNABRIDGED

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concentrating or focusing of one's thoughts in an effort to comprehend something, or it can suggest merely deep consideration, often with a purpose or plan in mind to be settled (the young priest blotted himself out of his own consciousness and *meditated* upon the anguish of his Lord—Willa Cather) (meditated with concentrated attention on the problem of flight—Havelock Ellis) (what she *meditated* doing on England's behalf—C.S. Forester) MUSE can come close to MEDITATE but more often suggests a mere more or less focused daydreaming as in remembrance (he sat immovably, like one that *mused* on some great purpose—Thomas De Quincey) (he *mused* wretchedly, as he walked homeward, what might she not do?—William McFee) (still a pleasant mystery; enough to *muse* over on a dull afternoon—Elmer Davis) (not so much in order to read it as to *muse* with kindly condescension over this token of bygone fashion—Virginia Woolf) RUMINATE usu. implies a going over the same matter again and again, suggesting less than the other terms a deliberative weighing or a focusing or absorption (I sit at home and *ruminate* on the qualities of certain little books like this one—L.P. Smith) (forty years of *ruminating* on life—Waldemar Kaempffert) (the characters of the new friends he made interested him tremendously, and he could *ruminate* upon them when alone—Osbert Sitwell) (to teach philosophy, write, and *ruminate* beneath elms—Whitney Balliett)

ponder \\'pōn\ n -s : an act of pondering or reflecting : REVERIE
pon-der-ability \,pānd(ə)rə'bīlədē, -ētē, -i\ n : the quality or state of being ponderable

pon-der-able \'pād(ə)rəbəl\ adj [LL *ponderabilis*, fr. L *ponderare* to ponder + *-abilis* -able] : capable of being weighed, examined, evaluated, or considered for appraising : having weight (something ~ from the outer world — something of which we can say that its weight is so and so—James Jeans)
 syn see PERCEPTEBLE

ponderable \\"n -s 1 : something that can be pondered 2 : something morally or intellectually weighty — compare IMPONDERABLE

pon-der-ably \,-blē, -li\ adv ['ponderable + -ly] 1 : WEIGHTILY 2 : CONSIDERABLY

pon-der-al \'pāndərəl\ adj [L *ponder-*, *pondus* weight + E -al] : of or relating to weight : estimated in terms of weight
ponderal index n, *anthrop* : a measure of relative body mass expressed as the ratio of the cube root of body weight to stature multiplied by 100

pon-der-ance \'pānd(ə)rāns\ or **pon-der-an-cy** \,-nsē, -si\ n, pl **ponderances** or **ponderancies** [L *ponderare* to weigh + E -ance, -ancy] 1 : WEIGHT 2 : GRAVITY, CONSEQUENCE

pon-der-ate \'pāndərāt\ vi -ED/-ING-s [L *ponderatus*, past part. of *ponderare* to weigh — more at PONDER] : to weigh down : give substance to
pon-der-ate \'pānd(ə)rāt\ adj [L *ponderatus*, past part. of *ponderare* to ponder] : DELIBERATE (~ consideration)

pon-der-a-tion \,pāndərā'shān\ n -s [L *ponderation-*, *ponderare*, fr. *ponderatus* + -ion, -to -ion] : an act or the action of pondering

pondered past of PONDER

pon-der-er \'pānd(ə)rā(r)\ n -s : one that ponders

pon-der-ing adj [fr. pres. part. of 'ponder'] : THOUGHTFUL, CONSIDERATIVE (a ~ demeanor)

pon-der-ing-ly adv : in a pondering manner (examine objects

pon-der-ment \'pāndə(r)mēnt\ n -s : the action of pondering : thought (witching a facial muscle now and then to ~ —Nigel Dennis)

pon-der-o-motive \,pāndərōt\ adj [L *ponder-*, *pondus* weight + E -ate + -motive — more at PENDANT] : tending to produce movement of a body — used of mechanical forces of interaction between electric currents and magnetic fields; compare ELECTROMOTIVE FORCE, MAGNETOMOTIVE FORCE

pon-der-o-sa pine \,pāndərō'sā\ n [NL *Pinus ponderosa*, lit., pine] 1 : a common and widely distributed timber tree (the *piñon* of western No. America) often reaching a height of 100 feet and having dark green leaves in bundles of 2 to 5 and 4 to 7 inches long, tawny yellowish bark, and strong resinous wood — called also *bull pine*, *western white pine*, *piñon pine* 2 : the wood of a ponderosa pine tree

pon-der-os-i-ty \,pāndərā'sāsē, -ētē, -i\ n -s [ML *ponderositas*, fr. L *ponderosus* + -itas, -ity] : the quality or state of being ponderous

pon-der-ous \'pāndərōs\ adj [ME, fr. MF *pondereux*, fr. L *pondereus*, *pondus* weight + *-sus*-ous — more at PENDANT] 1 : of very great weight, a ~ stone; extremely or excessively heavy (a ~ burden) 2 : unwieldy or clumsy because of weight and size (a ~ weapon, ~ furniture) 3 : obstinately or unpleasantly dull (a ~ book) : UNINSPIRED, DULL (a ~ comment) 4 : slow and laborious (a ~ yawn) *see also HEAVY*

ponderous borer n : a borer that is the larva of a cerambycid beetle (*Pristeres ponderosus*), and is destructive to felled coniferous trees in the western U.S.
pon-der-ous-ly adv [ME, fr. *ponderous* + -ly] : in a ponderous manner (the *piñon* stage set —Guy Dumur)

pon-der-ous-ness \,-nēs\ : the quality or state of being ponderous

ponderous spear n : a long spear

ponderous adj [ME, fr. MF *pondereux*, *pondre* to ponder]

ponderous adj [ME, fr. MF *pondereux*, *pondre* to ponder] : heavy and clumsy because of weight and size (a ~ trunk, a ~ book)

pon-derous adj [ME, fr. MF *pondereux*, *pondre* to ponder] : heavy and clumsy because of weight and size (a ~ trunk, a ~ book)

pone \'pōn\ n -s [of Algonquian *āpān* baked, Passamaquoddy *ābā* : a cake of stiff cornmeal batter s palms and baked, fried, or boiled & *Midland* : corn bread in the form *land* : a pudding of grated sweet r and spiced baked and served as de-

pone \'pōn\ n -s [L, imp — more at POSITION] 1 : the playe

who cuts the cards in a card game in a two-handed card game

pone \'pōn\ n -s [perh. fr. 'pone. (raised a ~ on his head)

ponent adj [It *ponente* west, fr. N

setting, pres. part. of *ponere* to plac

obs : WESTERN, OCCIDENTAL

po-ne-ra \,pā'nīrā\ n, cap [NL, fr. (wretched, wicked, good-for-nothing *penesthai* to toil, be in need) : a cosm

ants having an elongate abdomen : one segment but with a constricti

second abdominal segments

po-ne-ra-moe-ba \,pā,nīrā'mēbā\ [↑

good-for-nothing + NL *Amoeba*]:

po-ner-in \'pōnā,rin, -rān\ adj [

or related to the genus *Ponera* (~

ponerine \\"n -s : any of various

related genera that are usu. consid

family of Formicidae

pon-er-ol-o-gy \,pānā'rālōjē\ n -es

-logy] : a branch of theology dea

evil — compare HAMARTIOLOGY

poney var of PONY

pong \'pōn, 'pōn\ n -s [imit.] : a h

pong \\"n -ED/-ING-s : to make

pong \'pōn\ vi -ED/-ING-s [origin &

ponga \'pān(g)a, 'pān-\ n -s [Maor

dealbata] of New Zealand

pon-gee \('pān,jē\ n -s [Chin (Pek

chi loom] 1 : a thin soft cloth

Chinese origin woven from uneven

possessing a characteristic ecru or ta

tion of this fabric in cotton or rayo

brown that is redder, lighter, and :

yellow and paler than cinnamon

pon-gid \'pān(jād\ adj [NL *Pongida*

Pongidae

pongidae \,pān(jād\ n pl, cap [NL *Po*

: a family of primates consisting of

including the gorillas, chimpanzees,

pon-go \'pān(jōgō\ n [NL, fr. K

1 cap : a genus of anthropoid apes co

2 -s : an anthropoid ape; esp : ORANG

pongo \\"n -s [AmerSp, fr. Quechua

or gorge in So. America esp. cutting t

rain range

pon-gol \'pān,gāl\ n -s cap [Tamil pa

tion of boiled rice; fr. the rice's bein

: the great Tamil New Year's festiv

giving the month Magh

pon-gyi also phon-gyi or poon-ghie

[Burmese *phungyi*, fr. *phun* glory +

priest of Burma]

pon-haws or **pon-hoss** also pon-has

hos \'pān,hōs, 'pān-, -ōz\ n -es [Pa

dish of leftovers, lit., pan hare, fr. G

hare, fr. OHG *haso*; akin to OHG *pīc*

HARE] *Midland* : SCRAPPLE

pon-iard \\"n -ED/-ING-s : to pierce

ponied past of PONY

ponies pl of PONY, pres 3d sing of PON

ponka usu cap, var of PONCA

po-no-r \'pō,nō(r)\ n -s [Serbo-Croat

hole]

pons \'pānz\ or **pons va-ro-lli** \\"v

\'pān,(j)ēz\ or **pones varolii** usu

bridge; **pons varolii**, NL, lit., bridge o

Varoli \1575 Ital. surgeon and anato

: a broad mass of chiefly transverse n

at the anterior end of the medulla ob

a robust cord on either side to form

peduncle, and enclosing irregular mass

serve as important relay stations in the

cortex to the opposite side of the ci

illustration

pons asi-no-rum \,-as'nōrōm\ n -

1 a : ASSES' BRIDGE b : a critical test

the inexperienced or ignorant (those

pons asinorum in the inner life —Geo

metrical figure attributed to Petru

used to show the various relations of th

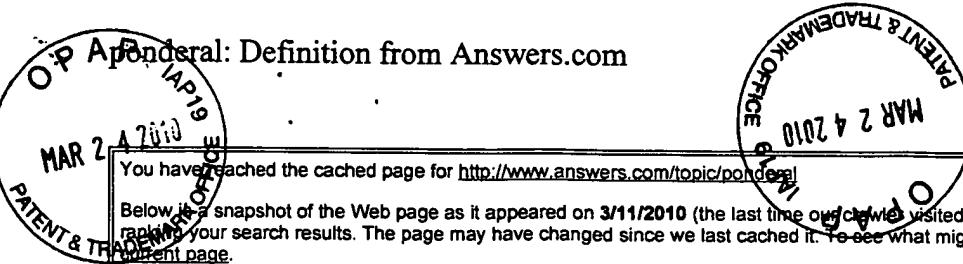
ci

poni \,pōn\ n [D fr. L *ponio* pur

pony 1 : a young horse 2 : a small

pony 3 : a person who is small and

unimportant



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ponderal

Dictionary: Pon·der·al

a.

[Cf. F. *pondéral*.]

Estimated or ascertained by weight; -- distinguished from *numeral*; as, a **ponderal** drachma. [R.] Arbuthnot.

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English ▾

Word Tutor:

ponderal



IN BRIEF: Of or relating to weight.

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